

## Refine Search

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### Search Results -

Terms	Documents
L3	24

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L4






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### Search History

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DATE: Friday, September 29, 2006    [Purge Queries](#)    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L4</u>	L3	24	<u>L4</u>
<u>L3</u>	L2 same (MMAD or (mass adj median adj aerodynamic adj diameter) or FPF or (fine adj particle adj fraction))	24	<u>L3</u>
<u>L2</u>	L1 same ((HFA or HFC or P or hydrofluoroalkane or hydrofluorocarbon) near5 (134a or 227))	991	<u>L2</u>
<u>L1</u>	aerosol	136191	<u>L1</u>

END OF SEARCH HISTORY

(FILE 'HOME' ENTERED AT 10:45:59 ON 29 SEP 2006)

FILE 'CAPLUS, MEDLINE, USPATFULL' ENTERED AT 10:46:22 ON 29 SEP 2006

L1	964 S AEROSOL (P) ((HFA OR HFC OR P) (5A) (134A OR 227))
L2	88 S L1 AND (MMAD OR (MASS(W)MEDIAN(W)AERODYNAMIC(W)DIAMETER))
L3	33 S L2 AND ((FPF) OR (FINE(W)PARTICLE(W)FRACTION))
L4	29 S L3 AND SOLUTION
L5	29 S L3 (P) SOLUTION
L6	17 S L5 AND ((BETA (5A) AGONIST) OR ANTICHOLINERGIC OR CORTICOSTE
L7	17 DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)

L7 ANSWER 3 OF 17 USPATFULL on STN  
TI Salmeterol superfine formulation  
AB The present invention relates to a pharmaceutical formulation for use in the administration of a long-acting .beta..sub.2-agonist by inhalation. In particular this invention relates to a chemically stable, highly efficient salmeterol HFA solution formulation to be administered by pressurised metered dose inhalers (pMDIs) characterized by a deep lung penetration. The invention also relates to methods for the preparation of said formulation and to its use in respiratory diseases such as asthma and chronic obstructive pulmonary disease (COPD).

ACCESSION NUMBER: 2006:143453 USPATFULL  
TITLE: Salmeterol superfine formulation  
INVENTOR(S): Church, Tanya Kathleen, Parma, ITALY  
Lewis, David Andrew, Parma, ITALY  
Ganderton, David, Parma, ITALY  
Meakin, Brian John, Parma, ITALY  
Brambilla, Gaetano, Parma, ITALY  
PATENT ASSIGNEE(S): Chiesi Farmaceutici S.p.A., Parma, ITALY, 43100  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006120966	A1	20060608
APPLICATION INFO.:	US 2003-531867	A1	20030618 (10)
	WO 2003-EP6444		20030618
			20050916 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2002-235891	20021023
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET, ALEXANDRIA, VA, 22314, US	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
LINE COUNT:	756	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 17 USPATFULL on STN  
TI Aerosol formulations containing esters of 3,17-dihydroxy oestratriene derivatives for pulmonary delivery  
AB The invention discloses formulations for administration with pressurized metered dose inhalers containing as active ingredient esters of 3,17-dihydroxy oestratriene derivatives, in solution in a hydrofluorocarbon propellant, optionally one or more co-solvents, and their use for the treatment of postmenopausal symptoms as well as of menstrual migraine headaches.

ACCESSION NUMBER: 2005:241202 USPATFULL  
TITLE: Aerosol formulations containing esters of 3,17-dihydroxy oestratriene derivatives for pulmonary delivery  
INVENTOR(S): Davies, Reecca Jaine, Parma, ITALY  
Ganderton, David, Parma, ITALY  
Lewis, David Andrew, Parma, ITALY  
Meakin, Brian John, Parma, ITALY  
Brambilla, Gaetano, Parma, ITALY  
Ferraris, Alessandra, Parma, ITALY

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005209207	A1	20050922

APPLICATION INFO.: US 2003-504841 A1 20030224 (10)  
WO 2003-EP1856 20030224  
20050418 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2002-4787	20020301
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET, ALEXANDRIA, VA, 22314, US	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
LINE COUNT:	738	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 9 OF 17 USPATFULL on STN

TI Aerosol formulations for pulmonary administration of medicaments to produce a systemic effect

AB The invention discloses an aerosol pharmaceutical composition comprising a medicament in solution in a mixture of a hydrfluoroalkane propellant and one or more co-solvents wherein the aerosol liquid droplets delivered on actuation of the inhaler have a particle size comprised between 0.5  $\mu$ m and 2.5  $\mu$ m, with a mass median aerodynamic diameter of about 1-2  $\mu$ m and wherein the fine particle fraction is at least 30%.

ACCESSION NUMBER: 2005:150710 USPATFULL

TITLE: Aerosol formulations for pulmonary administration of medicaments to produce a systemic effect

INVENTOR(S): Davies, Rebecca Jaine, Parma, ITALY  
Ganderton, David, Parma, ITALY  
Lewis, David Andrew, Parma, ITALY  
Meakin, Brian John, Parma, ITALY  
Brambilla, Gaetano, Parma, ITALY  
Ferraris, Alessandra, Parma, ITALY

PATENT ASSIGNEE(S): Chiesi Farmaceutici S.P.A., Parma, ITALY, 43100  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005129621	A1	20050616
APPLICATION INFO.:	US 2003-505679	A1	20030226 (10)
	WO 2003-EP1962		20030226

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2002-4786	20020301
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET, ALEXANDRIA, VA, 22314, US	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1	
LINE COUNT:	550	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 16 OF 17 USPATFULL on STN

TI Pressurized metered dose inhalers and pharmaceutical aerosol fomulations

AB Provided are pressurized metered dose inhalers containing stable formulations of a .beta.-agonist drug in suspension or solution. Also provided are aerosol formulations suitable for inhalation therapy containing a .beta.-agonist drug in suspension or solution.

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